

CLAIMS

1 *Sub a1* 1. A system for assigning object identifiers, comprising:
2 a global positioning system (GPS) receiver for providing location and time
3 information;
4 an identification generator that generates an identifier, wherein the identifier
5 includes the provided location and time information in an encoded format; and
6 a system for assigning the identifier to an object located proximate the GPS
7 receiver.

1 *Sub C1* 2. The system of claim 1, wherein the location information includes three dimensional
2 information.

1 3. The system of claim 1, wherein the object and assigned identifier are stored in a
2 database with similar objects and their respective assigned identifiers.

1 4. The system of claim 1, wherein the identification generator is located remotely from
2 the GPS receiver.

1 5. The system of claim 1, wherein the identification generator is located locally to the
2 GPS receiver.

- 1 *Sub A2* 6. A program product stored on a recordable medium for assigning object identifiers, the
2 program product comprising:
3 means for receiving location and time information from a global positioning
4 system (GPS) receiver;
5 means for generating an identifier, wherein the identifier includes the received
6 location and time information in an encoded format; and
7 means for outputting the identifier in a format suitable for tagging an object
8 located proximate the GPS receiver.
- 1 7. The program product of claim 6, further comprising means for processing
2 simultaneous events that occur at a common location.
- 1 8. The program product of claim 6, further comprising ~~database means for storing the~~
2 ~~identifier.~~

1 *Sub 3* 9. A system for processing object identifiers in an e-commerce environment, comprising:
2 a database for holding objects;
3 at least one identification system for providing unique identifiers for objects,
4 wherein the identification system obtains location and time information from a global
5 positioning system (GPS) and encodes the location and time information into each unique
6 identifier; and
7 an application for processing the objects, wherein the application includes a
8 system for processing the unique identifier.

1 10. The system of claim 9, wherein the application comprises a referencing system that
2 allows objects in the database to be tracked.

1 11. The system of claim 9, wherein the application comprises a time checking system
2 that extracts time information from the unique identifiers provided to the objects.

1 *Sub 4* 12. The system of claim 11, wherein the objects comprise events and the time checking
2 system compares a time difference between events.

1 13. The system of claim 9, wherein the application comprises a routing system that
2 extracts location information from the unique identifiers provided to the objects.

1 14. The system of claim 13, wherein the objects comprise routers in a network, and the
2 applications routes data by examining the location information associated with each
3 router.

1 15. The system of claim 9, wherein the application comprises a security system.

1 16. The system of claim 15, wherein objects comprise login events to a computer system,
2 and the security system ensures that each unique identifier is not afforded multiple login
3 events.

1 17. The system of claim 9, wherein the application comprises a data translation system
2 that extracts information from the unique identifier and translates it into a different
3 format.

1 18. The system of claim 9, wherein the objects comprise limited use transactions, and the
2 application validates each transaction

1 19. A method of generating object identifiers, comprising the steps of:
2 obtaining time and location information from a global positioning system (GPS);
3 generating a unique identifier from the time and location information, wherein the
4 time and location information is encoded into the unique identifier; and
5 associating the unique identifier with an object.

1 20. The method of claim 19, wherein the object exists at a time and location where the
2 time and location information is received.

1 21. The method of claim 19, comprising the further step of extracting the time
2 information from the unique identifier in order to process the object.

1 22. The method of claim 21, comprising the further step of comparing the time
2 information extracted from a first and second object.

1 23. The method of claim 19, comprising the further step of extracting the location
2 information from the unique identifier in order to process the object.

1 24. The method of claim 19, comprising the further step of tracking the object using the
2 unique identifier.